

A NEW SPECIES OF
***OCTOTOMA* CHEVROLAT, 1837, FROM GUATEMALA**
(COLEOPTERA: CHRYSOMELIDAE, HISPINAE)

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Abstract.—*Octotoma puncticollis*, new species, is described. A partial revised key to *Octotoma* species is presented.

Key Words: *Octotoma*, Hispinae, new species.

I recently received four *Octotoma* sp. from R. S. Anderson, Canadian Museum of Nature (CMNC). These specimens had been examined by E. G. Riley, Texas A&M University, who thought they were an undescribed species. Having recently published a revision of *Octotoma* (Staines, 1989) the specimens were sent to me for my opinion. The specimens represent a new species which is described below.

Measurements were taken with an ocular micrometer. Pronotal length and width were taken along the midlines. Elytral width was measured at the humeri. Elytral length was measured from the base to apex. Total length was measured from the base of the antennae to the apex of the elytra. In recording the label data from type specimens, a double slash (/ /) divides data on different labels.

***Octotoma puncticollis*, new species**

Elytra black; head black except red between eyes and front; pronotum reddish with black maculae. Head: vertex black, alutaceous; front reddish, red extending upwards to base of eyes; antennae divided by keel; frons punctate; clypeus impunctate; sulcus on inner margin of each eye; antennal segments I–VII reddish, VIII blackish-gray; segment III cylindrical, longer than I or II; IV–VI transverse; VII transverse, wider than preceding, hirsute; VIII elliptical, hirsute. Pronotum: reddish with six black maculae, largest maculae in basal depression, lateral and anterior maculae smaller; margined laterally; tooth in anterior angles; covered with large, deep punctures; anterior margin darkened; pronotal length 0.7–0.8 mm (avg. 0.75; N = 4); pronotal width 1.3–1.7 mm (avg. 1.5). Scutellum: black, quadrate, alutaceous. Elytra: blackish; longitudinal and horizontal carinae over entire surface; lateral margins dentate; apical margins more dentate; exterior apical angle with flattened lamina; lateral margins distinctly bisinuate; elytral length 4.3–5.0 mm (avg. 4.7); elytral width 2.0–2.3 mm (avg. 2.2). Legs: punctate on distal half; protibiae flattened; pro- and mesofemora toothed; tibiae reddish at basal third, remainder black; femora reddish at base and apex, blackish near middle. Venter: prosternum sparsely punctate in middle, rugose at sides; abdominal sterna rugose at base and sides, remainder smooth, with white setae. Total length: 5.0–6.0 mm (avg. 5.6).

Holotype: Guat[emala]: Baja Verapaz; 7.8–8.6 km W Chilascó; 1,560–1,600 m,

26.V.1991, R. Anderson, oak/pine forest, 91–25//Holotype *Octotoma puncticollis* Staines det. C. L. Staines 1992 (CMNC).

Paratypes: Three specimens with the same data as the holotype but also with Paratype *Octotoma puncticollis* Staines det C. L. Staines 1992 (2 in CMNC, 1 in author's collection).

Etymology: Combination of punctum (=small hole) and collum (=neck or collar); Latin. The name refers to the distinct punctation on the pronotum.

Discussion: Life history unknown. Immature stages undescribed. Host plant unknown. This species is most similar to *O. championi* Baly and *O. plicatula* (Fab.). It can be distinguished from *O. plicatula* by the lack of a median sulcus on the head, antennal segment II longer than I, and antennal segment III distinctly longer than II. It can be distinguished from *O. championi* by the uniformly punctate pronotum and by the impunctate clypeus.

Octotoma puncticollis keys to couplet 9 in Staines (1989). The key is modified to include *O. puncticollis*:

- 9(8). Antennal segment II longer than I, III longer than II; lateral margin of elytra distinctly bisinuate; head without median sulcus; south Texas to Panama 10
- 9'. Antennal segment I and II equal in length, III barely longer than II; lateral margin of elytra weakly bisinuate; head with median sulcus; eastern half of the United States *plicatula* (Fab.)
- 10(9). Pronotum uniformly punctate; clypeus impunctate *puncticollis* New Species
- 10'. Pronotum with disc impunctate; clypeus punctate *championi* Baly

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LITERATURE CITED

Staines, C. L. 1989. A revision of the genus *Octotoma* (Coleoptera: Chrysomelidae, Hispinae). *Insecta Mundi* 3:41–56.

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